

Jane Doe

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EDUCATION

Boston University, College of Engineering || Boston, MA May 2020
Bachelor of Science in Computer Engineering
GPA: 3.99/4.00
Trustee Scholarship: Merit-based award for top 20 students of 16,000 applicants covering all tuition and fees
Honors: Dean's List, National Merit Scholar
Courses: Algorithms and Data Structures, Software Design, Advanced Software Engineering in C++, Digital Logic Design, Engineering Design, Engineering Mechanics, Electric Circuits

SKILLS

- C/C++, Javascript, Native Templates, PHP, Angular, Java, MATLAB, HTML, Unix/Linux, Android Studio, Verilog
- English (Native), Spanish (Fluent), German (Basic)

WORK EXPERIENCE

Facebook || *Software Engineering Intern* || Boston, MA June - Aug 2019

- Designed and individually implemented Weather for FBLite for iOS and Android in Native Templates
- Initiated rewrite beyond the project scope to refactor Weather in Facebook for iOS and Android

Pratt & Whitney || *Quality Engineering Assurance Intern* || East Hartford, CT May - Aug 2018

- Led software modernization (including SAP and Solumina) crucial to national-level engine production
- Managed communication between developers and customers about key issues

Rafik B. Hariri Institute for Computing || *Software Engineer Research Assistant* || Boston, MA Sep - Dec 2017

- Developed secure data analysis systems in Javascript for multi-party computation (MPC)
- Leveraged MPC to aggregate data from companies about salary inequity to decrease pay gaps

PROJECTS

Velozity (Javascript / Angular) May 2019

- Created a professional development web app utilizing chained API calls to Glassdoor, Indeed, and RezScore
- Leveraged LinkedIn API for user authentication and matching to recommended jobs from Glassdoor and Indeed

F-135 Serial Number Validation (Excel VBA) || *Pratt & Whitney* July 2018

- Automated and programmed a new F-135 S/N validation system with Excel Visual Basic, independently saving company \$15,000/year and 5 hours/week
- Earned an Eagle Award for full-time employees and bonus for exemplary engineering performance

Space Race Adventure Game (C++) Dec 2017

- Programmed an adventure game (~2500 lines of code) involving astronauts and alien attackers
- Utilized classes (base and derived), object-oriented programming, exception handling, header files, makefiles, data encapsulation, polymorphism, overloaded operators, generic programming, dynamic allocation & virtual functions

Yip Yap Mobile App (Java) Dec 2017

- Created an Android social media app for dog owners with a team of four
- Utilized Android Studio, XML, GUIs, user input and interactivity, and Google Firebase

ACTIVITIES

oSTEM (Out in STEM) || Boston, Massachusetts || *President and Founder* Sep 2018 - Present

- Founded organization at BU by coordinating with student activity coordinators and deans
- Empower LGBTQ+ students in STEM to succeed personally, academically, and professionally

Hack4Impact || Boston, Massachusetts || *Programmer* Sep 2018 - Present

- Reached out to nonprofits to give aid in the form of software, web development, and technology strategy
- Developed an app for data analytics regarding human trafficking trends for HAART Kenya

Private Pilot || Chugiak, Alaska June 2013 - Present

- Overcame financial and societal barriers to acquire a Private Pilot's license at age 17
- Competed in national flying competition in Valdez, Alaska as the second woman ever to compete
- Inspired pilots through two newscasts, three articles, a press release, a calendar, and a promotional video

Global Engineering Brigades || El Jiote, Honduras || *Vice President* Oct 2016 - Present

- Coordinate all fundraising, volunteering, and logistical operation for organization of ~60 people
- Lead on-site measurements, calculations, and cost analysis necessary for water system implementation
- Design and propose systems that now bring clean water to ~150 homes in rural Honduran villages